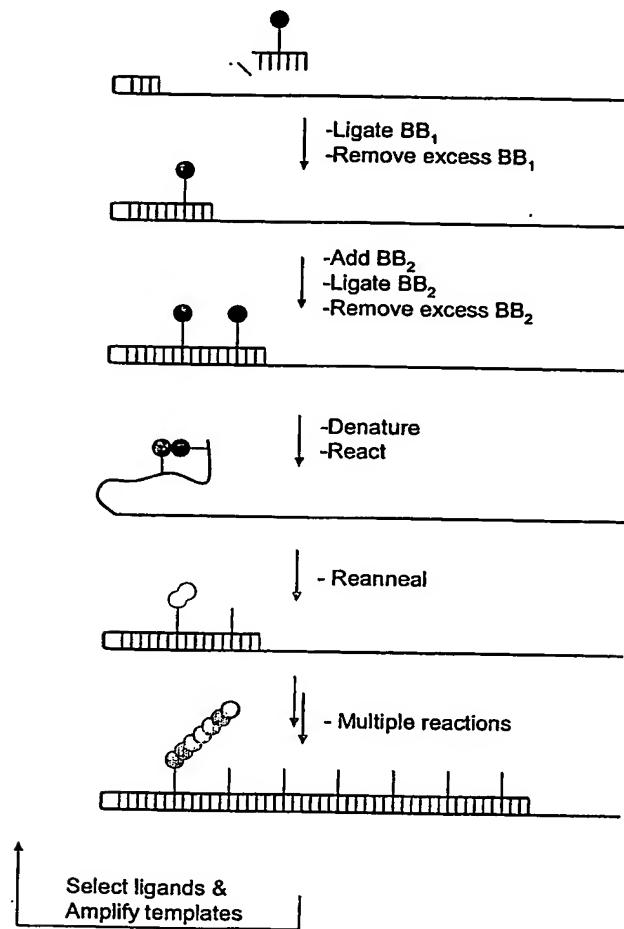


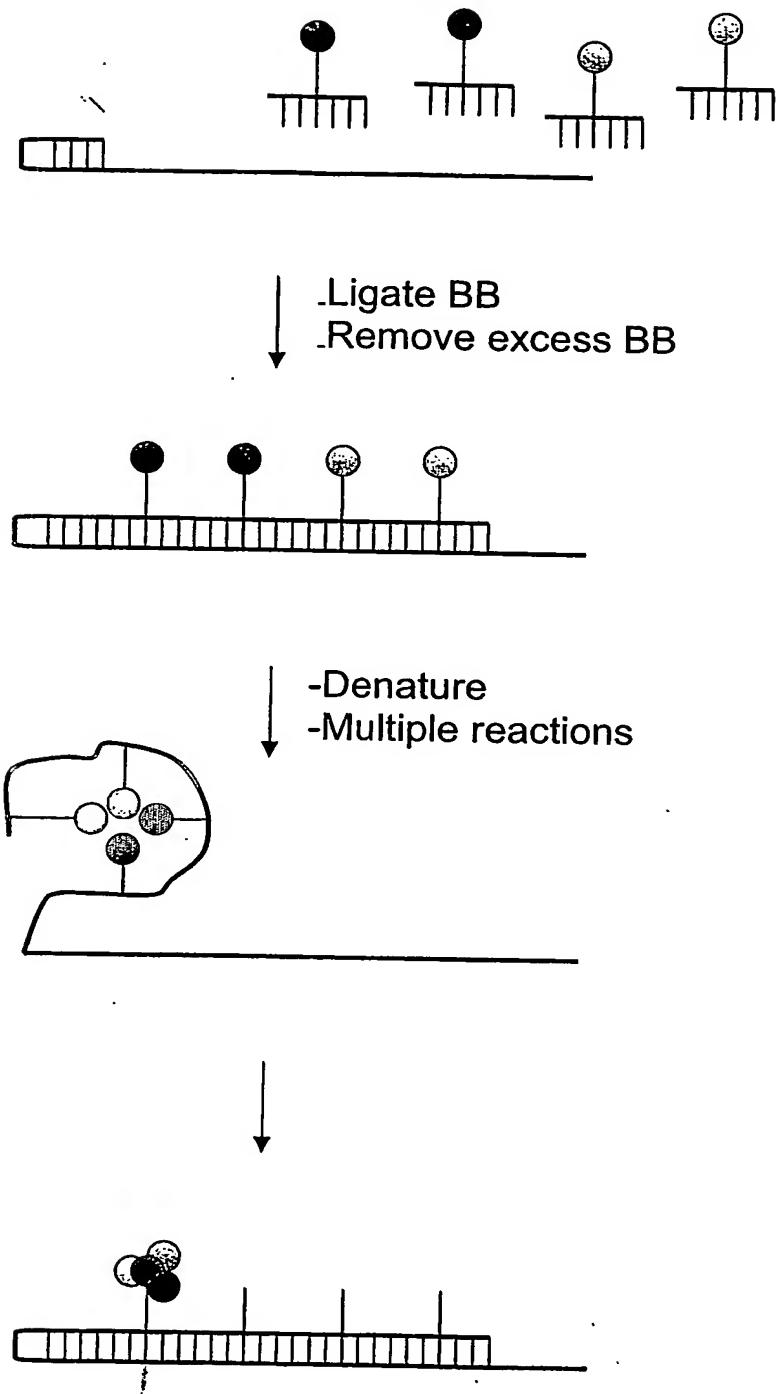
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Fig. 1

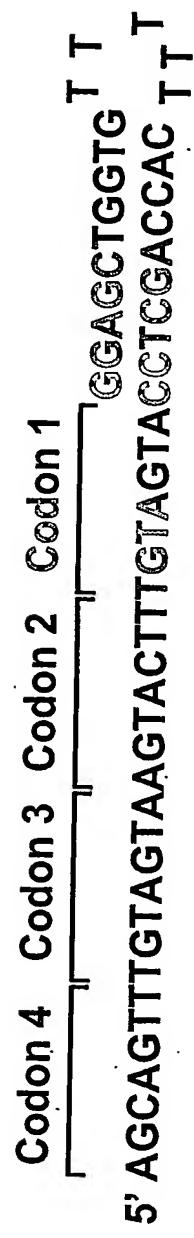
Synthesis of a linear molecule

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Fig.2



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Fig. 3Anticodon-building block 7-mers

Anticodon-building block subtype 1: pTNNXNNA

Anticodon-building block subtype 2: pANNXNNT

X = Carboxy dT with attached building block

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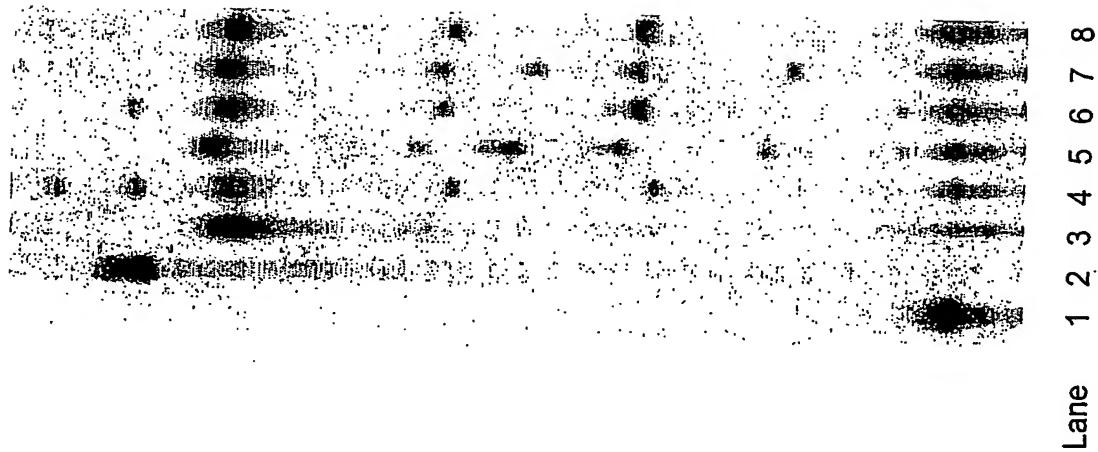
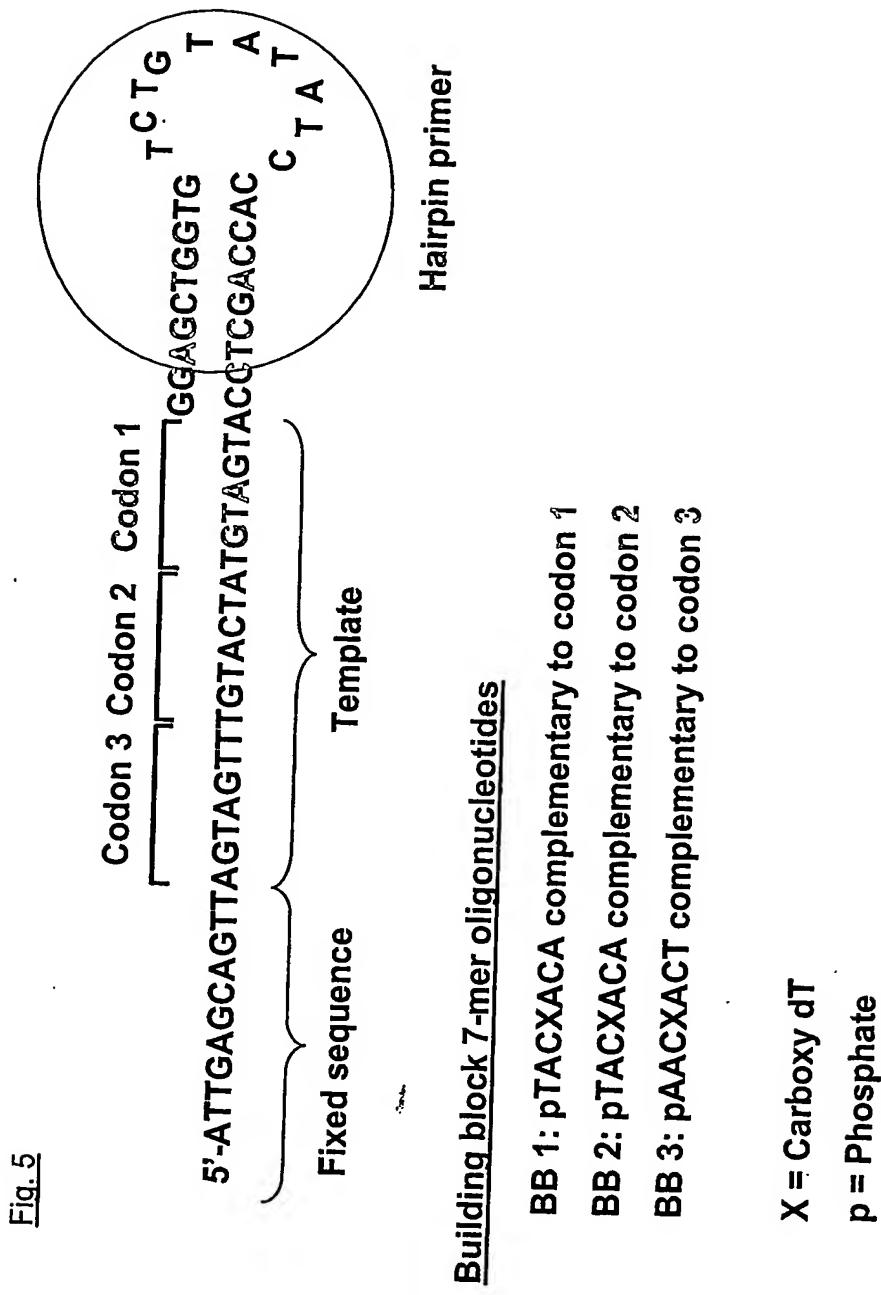
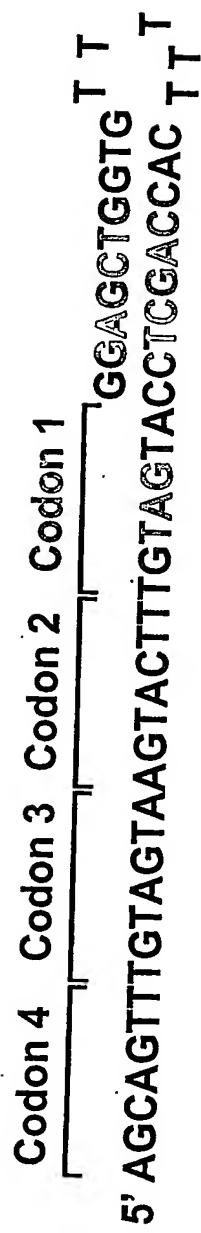


Fig. 4

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Fig. 6Anticodon-building block 7-mers

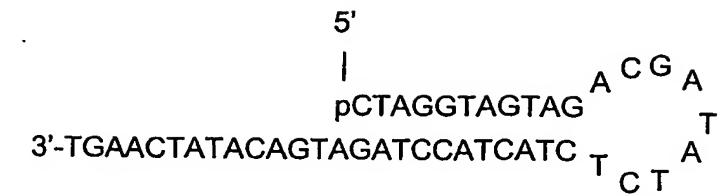
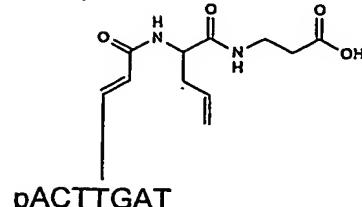
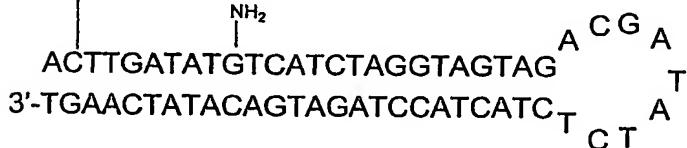
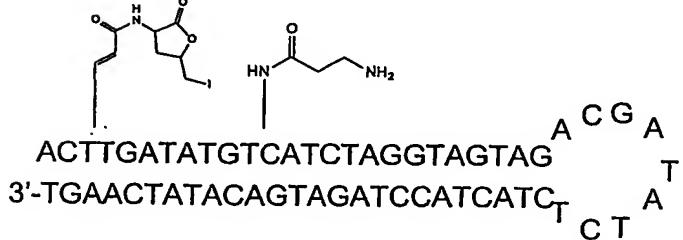
Anticodon-building block subtype 1: pTNXNNNA

Anticodon-building block subtype 2: pANXNNNT

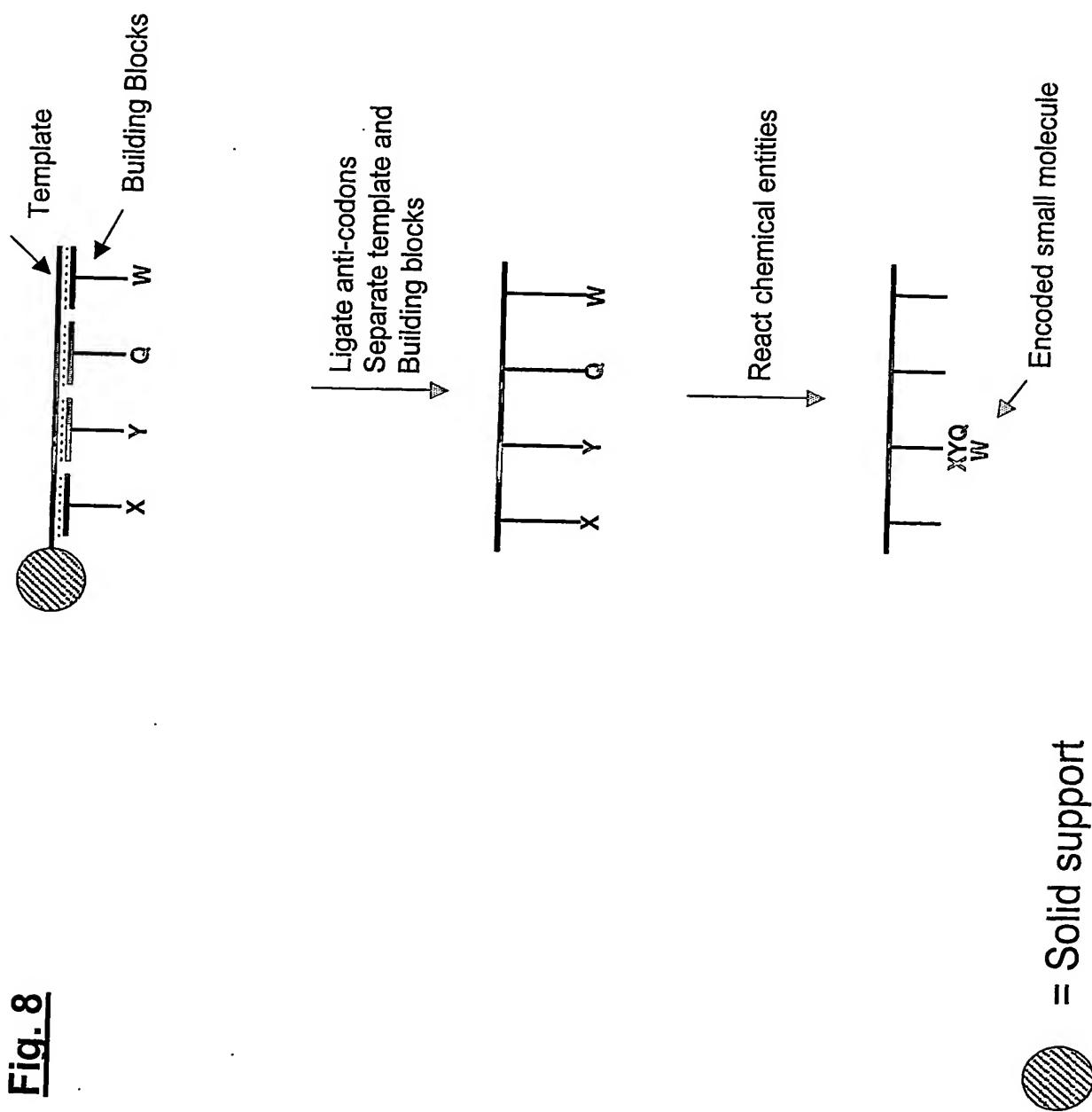
X = Carboxy dT with attached building block

Fig.7

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**Template-primer hairpin****Ligate oligo A & B****Building block B****Building block A****Denature****X-link****Cleave linker**

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**Fig. 8**

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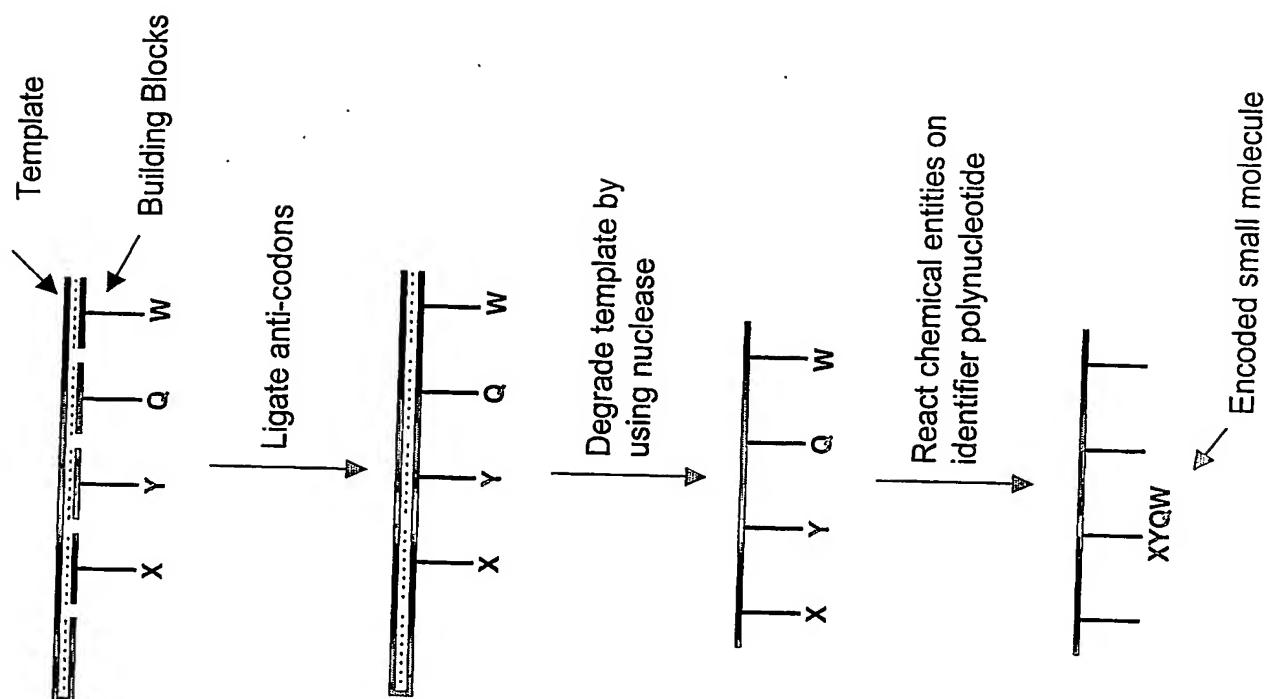
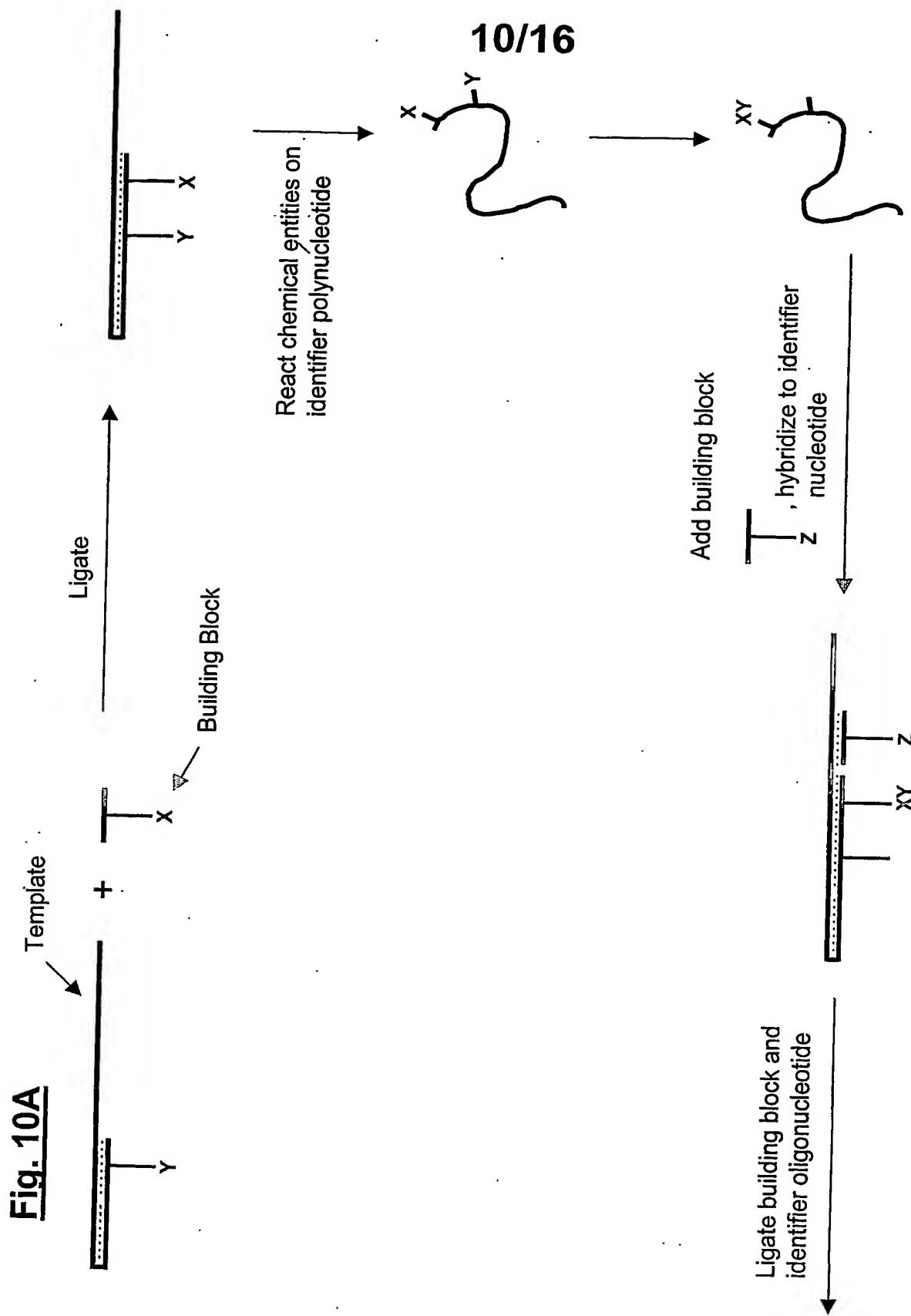


Fig. 9



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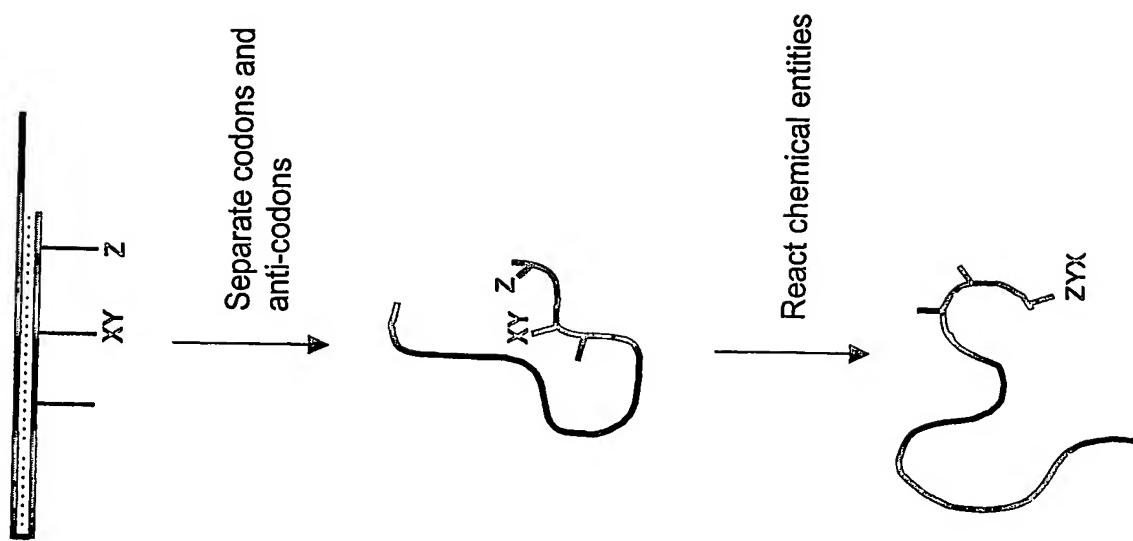


Fig. 10B

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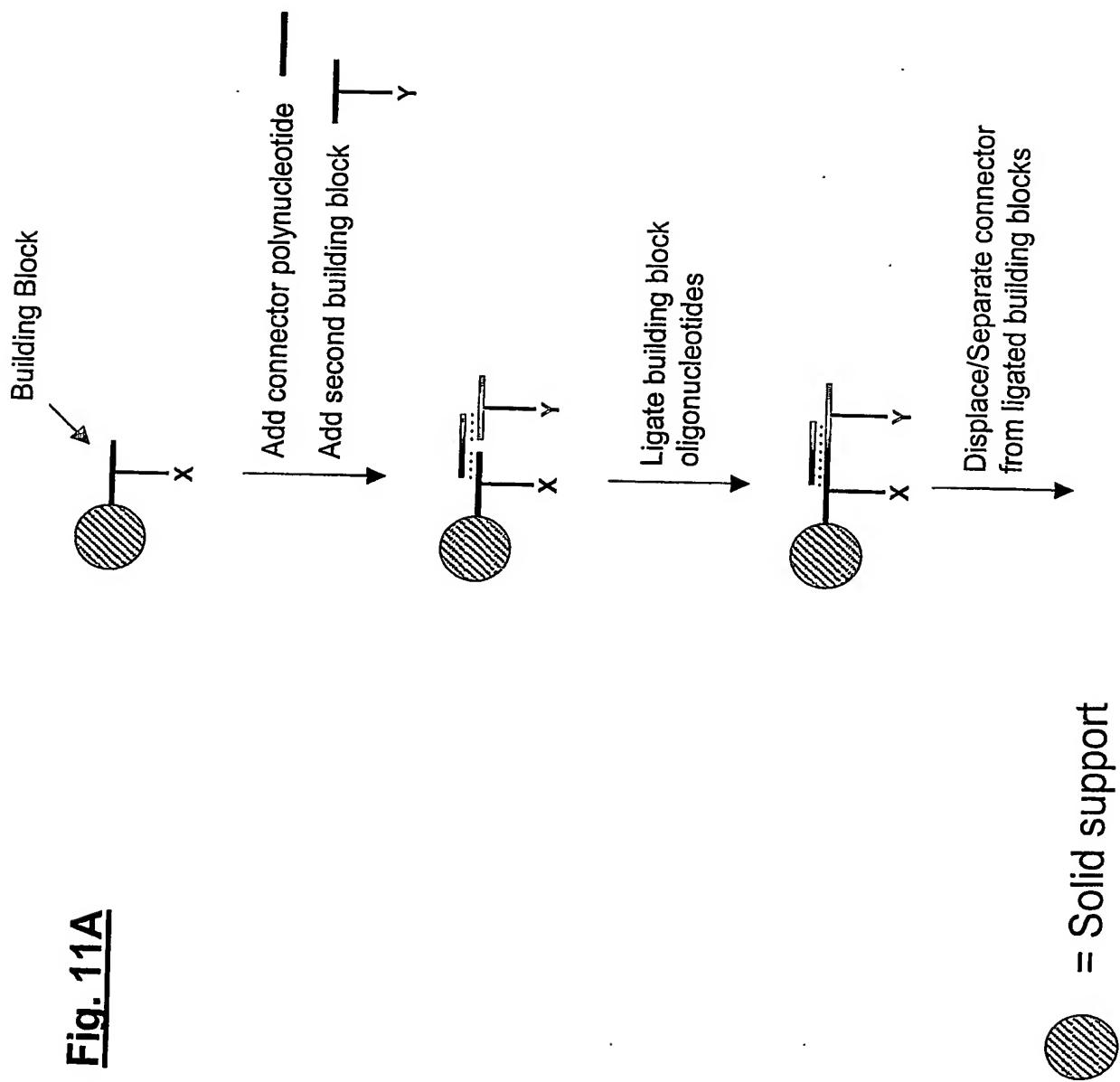
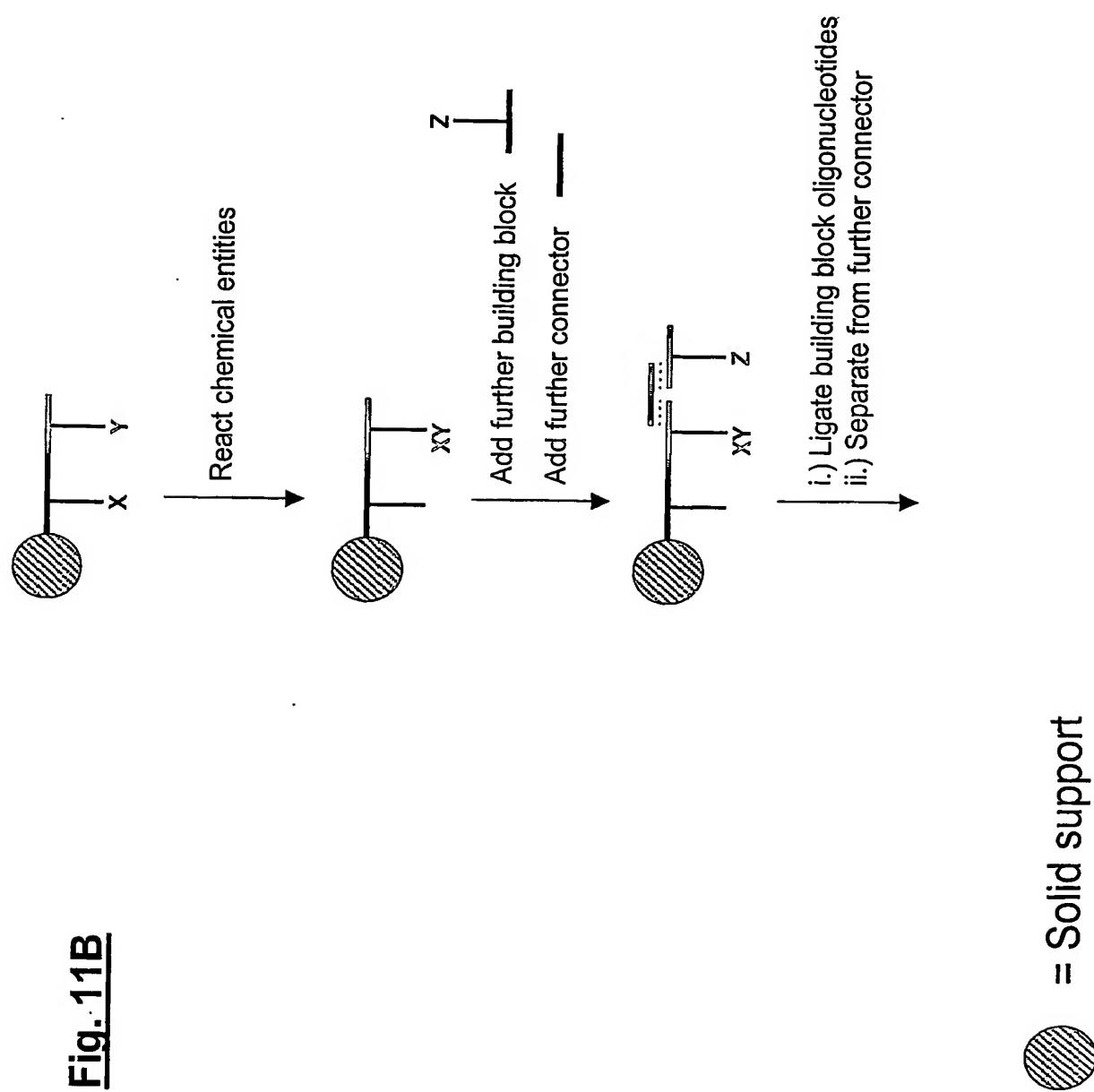


Fig. 11A

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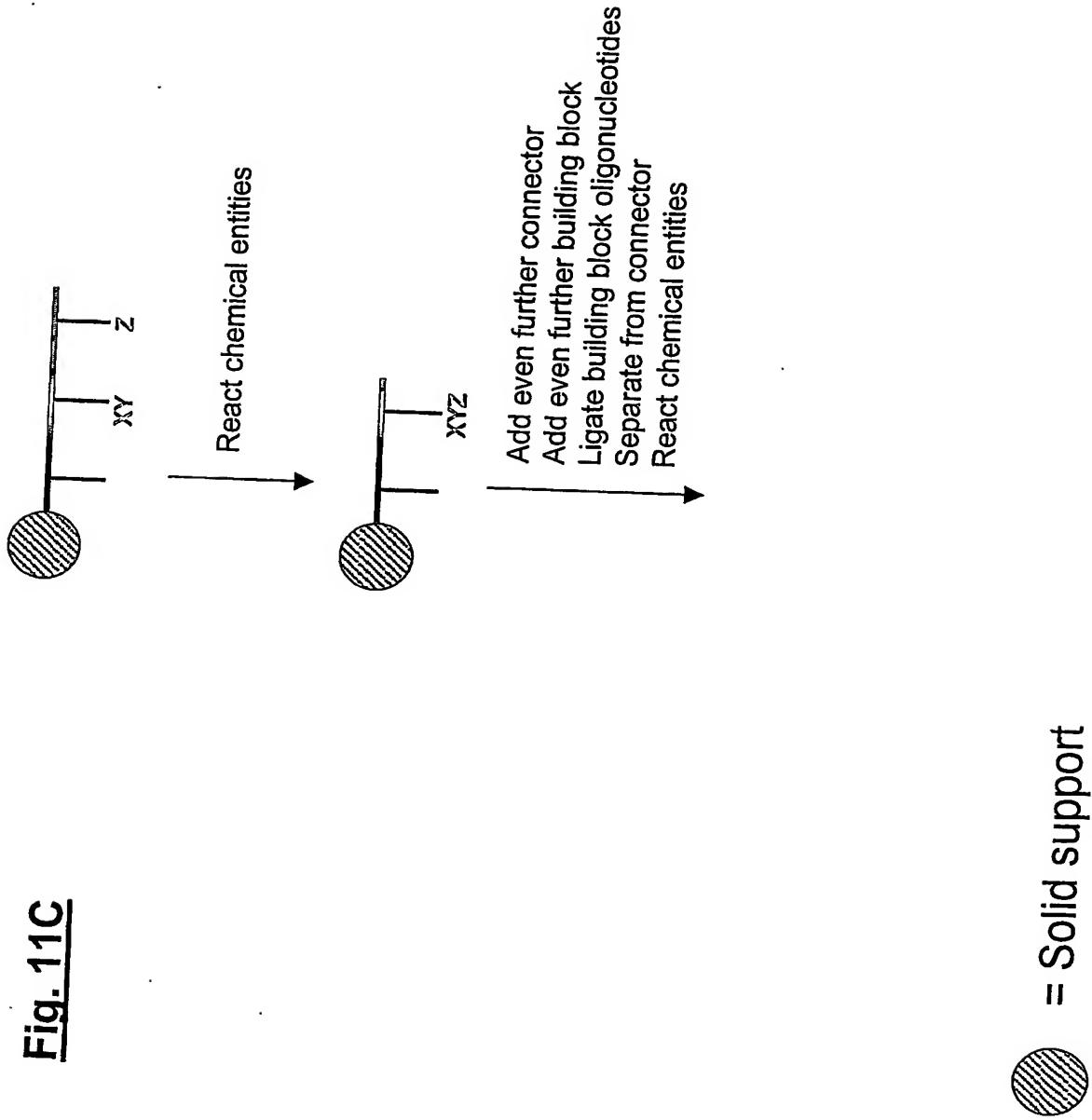
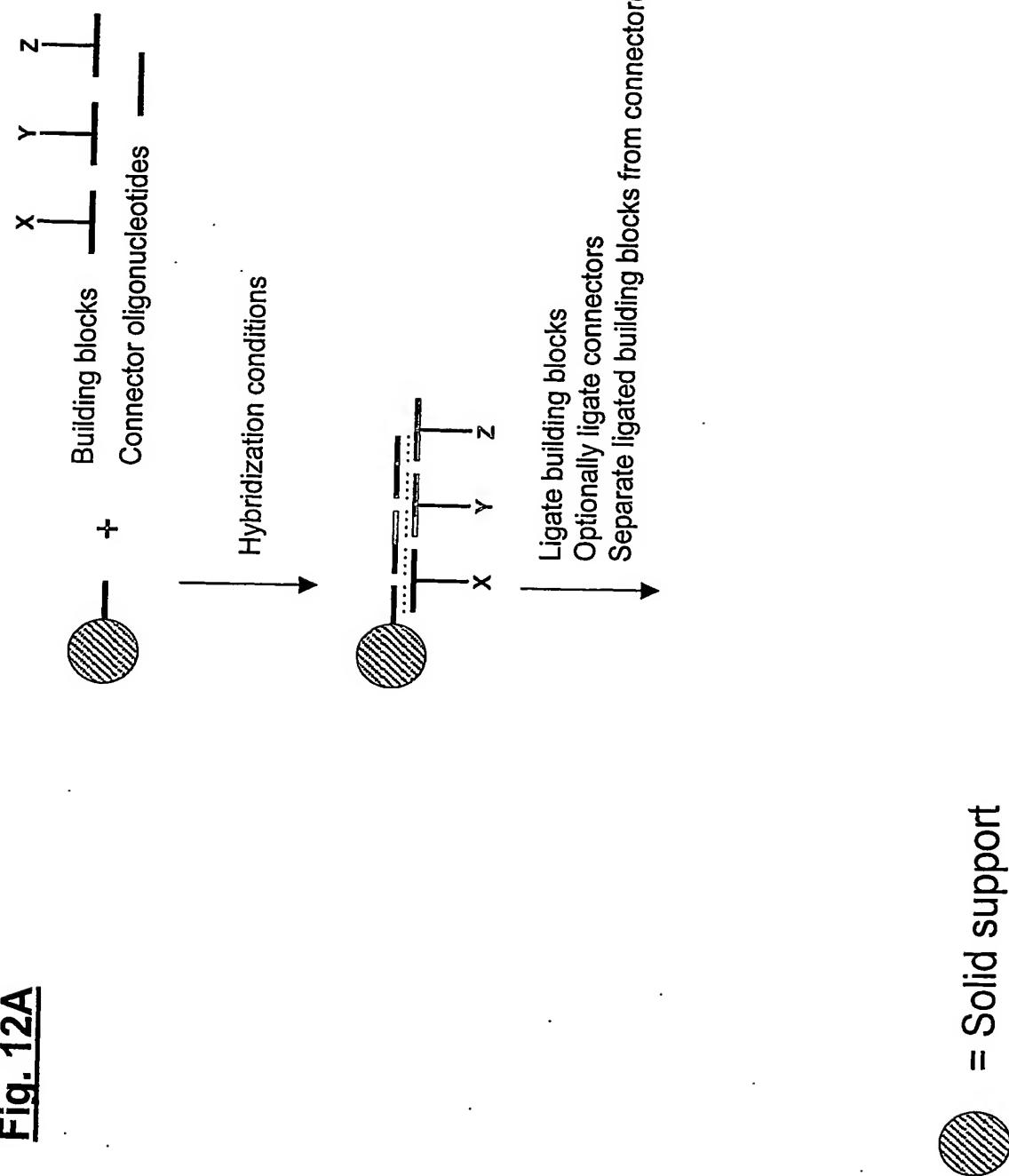


Fig. 11C

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